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What is claimed is:

- 5 1. Elastic bandage (1, 16) with electrodes (9, 10, 11, 12; 19, 20, 21, 22) spaced apart from one another for connection to an electric stimulation device (4), **characterized in that** the elastic region of the bandage (1, 16) bearing the electrodes (9, 10, 11, 12; 19, 20, 21, 22) is covered on its outside by a pocket (13, 23) which is far less elastic than the elastic region
10 and which contains a resilient cushion (14, 24) as support for the electrodes (9, 10, 11, 12; 19, 20, 21, 22).
2. Bandage according to claim 1, **characterized in that** the stimulation device (4) is attached to the electrodes (9, 10, 11, 12; 19, 20, 21, 22) by
15 means of lead wires (5, 6, 7, 8; 17, 18, 19, 20), which are worked into the material of the bandage (1, 16) by designing a plurality of successive bending points.
3. Bandage according to claim 1 or 2, **characterized in that** the stimulation
20 device (4) is fastened to the bandage (1, 16) in a detachable manner.
4. Bandage according to any one of claims 1 through 4, **characterized in that** the resilient cushion (24) is filled with resilient foam.
- 25 5. Bandage according to any one of claims 1 through 4, **characterized in that** the resilient cushion consists of an inflatable tube (14).